

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|------------------------------|------------------|---------|---------------------|
| L1 | 1 | (ashok near2 rao and keith near2 strohler).in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/30 13:08 |
| S1 | 1 | ("20060236697").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/27 13:37 |
| S2 | 3 | ((("4863707") or ("3904389") or ("4476683")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/27 13:44 |
| S3 | 1 | (ashok near2 rao and keith near2 strohler).in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 13:45 |
| S4 | 28 | (ashok near2 rao or keith near2 strohler).in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 13:45 |
| S5 | 2 | (ashok near2 rao or keith near2 strohler).in. and (shift react\$4 or wgs) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 13:45 |
| S6 | 31729 | "48".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 13:47 |
| S7 | 4123374 | @ad< "20030113" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 13:48 |
| S8 | 2 | S6 and (shift react\$4 or wgs) near (first and second) and (shift or wgs) with (separat\$5 or split\$4) and (shift or wgs) with combin\$5 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 13:51 |
| S9 | 2 | S6 and (first and second) (shift react\$4 or wgs) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 13:52 |
| S10 | 29 | (first and second) (shift react\$4 or wgs) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 13:53 |
| S11 | 50 | (first and second) (shift react\$4 or wgs or water gas shift) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 13:54 |
| S12 | 267 | (shift react\$4 or wgs or water gas shift) with ((split \$4 or separat\$4) and combin\$5) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 14:02 |

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| S13 | 1 | (shift react\$4 or wgs or water gas shift) with ((split \$4 or separat\$4) and combin\$5) and (shift react \$4 or wgs or water gas shift) with "same temperature" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:03 |
| S14 | 122 | S12 and S7 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:04 |
| S15 | 4 | ((shift react\$4 or wgs or water gas shift) with ((split \$4 or separat\$4) and combin\$5)).ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:05 |
| S16 | 2 | ((US-20060219403-\$).did. or (US-3919114-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/08/27 15:08 |
| S17 | 2 | S16 and (shift react\$4 or wgs or water gas shift) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:09 |
| S18 | 23 | (shift react\$4 or wgs or water gas shift) with ((split \$4 or separat\$4) and combin\$5 with effluent) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:23 |
| S19 | 27 | (separat\$4 or split\$4) adj10 (water gas shift or shift react\$4 or wgs) same (water gas shift or shift react\$4 or wgs) adj10 combin\$5 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:27 |
| S20 | 393 | shift reactors | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/08/27 15:37 |
| S21 | 210 | shift reactors and S7 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/08/27 15:37 |
| S22 | 231 | ((first or second or two) (wgs or shift react\$4) or shift reactors) and S7 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/08/27 15:38 |
| S23 | 243 | ((first or second or two) (wgs or shift react\$4 or water gas shift) or shift reactors) and S7 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/08/27 15:38 |
| S24 | 10 | ((first or second or two) (wgs or shift react\$4 or water gas shift) or shift reactors) and (reduc\$5 steam or steam demand) and S7 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/08/27 15:41 |

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| S25 | 143 | (first or second or two) (shift react\$4 or wgs or water gas shift) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:45 |
| S26 | 1 | (first or second or two) (shift react\$4 or wgs or water gas shift) and reduc \$5 steam demand | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:46 |
| S27 | 5 | (first or second or two) (shift react\$4 or wgs or water gas shift) and steam near demand | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:46 |
| S28 | 93 | (first or second or two) (shift react\$4 or wgs or water gas shift) not S11 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:49 |
| S29 | 4 | (US-20060219403-\$ or US-20070269690-\$ or US-20050022450-\$).did. or (US-3919114-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/08/27 15:57 |
| S30 | 4 | S29 and (shift react\$4 or wgs or water gas shift) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 15:58 |
| S31 | 3 | (first or second or two) (shift react\$4 or wgs or water gas shift) | FPRS; EPO; JPO | ADJ | ON | 2008/08/27 16:45 |
| S32 | 5 | ((("3545926") or ("5152975") or ("4782096") or ("4999133"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/27 16:46 |
| S33 | 17926 | (first or second or two) (shift) not S11 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 16:47 |
| S34 | 1352 | (gasif\$7 or reform\$5 or partial oxidation) and (first or second or two) adj3 (shift) not S11 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 16:48 |
| S35 | 314 | (gasif\$7 or reform\$5 or partial oxidation) and (first or second or two) adj3 (gas shift or shift conver \$5) not S11 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 16:48 |
| S36 | 222 | (gasif\$7 or reform\$5 or partial oxidation) and (first or second or two) adj2 (gas shift or shift conver \$5) not S11 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 16:49 |
| S37 | 49 | (gasif\$7 or reform\$5 or partial oxidation) same (first or second or two) adj2 (gas shift or shift conver\$5) not S11 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 16:49 |

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| S38 | 30 | (gasif\$7 or reform\$5 or partial oxidation) same (first or second or two) adj2 (gas shift or shift conver\$5) not S25 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 16:49 |
| S39 | 122091 | (gasif\$7 or reform\$5 or partial oxidation) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 16:56 |
| S40 | 78 | S39 and (first or second or two) (gas shift or shift conver\$5 or wgs or shift react\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 16:57 |
| S41 | 1 | ("4161393").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/27 17:19 |
| S42 | 0 | S41 and acid | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 17:19 |
| S43 | 14 | ("3010813" "3061421" "3540867" "4031030" "4061475" "4065273" "4082520").PN. OR ("4161393").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 17:20 |
| S44 | 3 | S43 and (shift react\$4 or wgs or water gas shift) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 17:20 |
| S45 | 1 | S1 and acid gas removal | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 18:37 |
| S46 | 111 | S7 and "48".clas. and acid gas removal | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 18:38 |
| S47 | 31 | S7 and "48".clas. and acid gas removal unit | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 18:39 |
| S48 | 15 | S7 and "48".clas. and acid gas removal unit same (wgs or shift) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 18:39 |
| S49 | 601 | (48/197fm or 60/645).ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/27 19:08 |

1/30/2009 1:21:14 PM

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